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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/567,982

08/28/2006

Llorenc Servera Serapio

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VALLEY FORGE, PA 19482-0980

EXAMINER

MEHMOOD, JENNIFER

ART UNIT

PAPER NUMBER

2612

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DELIVERY MODE

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/567,982	Applicant(s) SERVERA SERAPIO ET AL.	
	Examiner JENNIFER MEHMOOD	Art Unit 2612	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 February 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-18 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 February 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>2/10/2006</u> . | 6) <input type="checkbox"/> Other: _____ |

Specification

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. **The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided.** The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Claim Objections

2. Claims 1, 6, 12 are objected to because of the following informalities: For claims 1 and 12, change format of words. For example, change "digitizing" to "digitizing", change "neutralise" to "neutralize", and "analyses" to "analyzes". For claim 6, Change "comprise" to "comprises". Appropriate correction is required.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 1, 3, 12, 15 and 16 and 18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

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5. For claims 1 and 12, the phrase, "the entry" is indefinite since it is unclear where an object is entering. The examiner will assume that the entry is in a blind angle as disclosed in the preamble, however, the Applicant is required to link the language in the preamble to the language in the claim.
6. For claim 1, the phrase, "the value" is indefinite since it is unclear what value the Applicant is referring to. For example, is "the value" referring to direction, magnitude, or is the value even numerical? The examiner will interpret "the value" to be numerical.
7. For claim 12, the phrase "the type" is considered indefinite because the phrase is not directed to any particular item. For example, does "type" mean type of vehicle or type of the object located in the blind angle?
8. For claim 15, the phrase "suffered by the same" is indefinite since it is unclear what "same" is referring to.
9. For claim 16, the phrase "this same instant" is indefinite since it is unclear what "the same instant" is referring to.
10. Claim 1 recites the limitations: "the value" in lines 5 and 6; "the basis of the results" in line 8, "said analysis" in lines 8 and 9; "the trajectory" in line 11; "the influence of said possible magnetic distortion" in lines 12 and 13.
11. Claim 3 recites the limitation: "the cited electronic circuit".
12. Claim 12 recites the limitations: "the type that is based on the use" in line 2; "the basis of the results of said analysis" in line 9, "the trajectory" in line 12.
13. Claim 15 recites the limitations: "the corresponding distortion" and "the specific circumstances" in lines 8 and 9.

14. Claim 16 recites the limitations: "said values", "said circumstances", "the distortion value".

There is insufficient antecedent basis for these limitations in the claims.

Allowable Subject Matter

15. Claims 1-18 are allowed.

16. As allowable subject matter has been indicated, applicant's reply must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CFR 1.111(b) and MPEP § 707.07(a).

17. The following is a statement of reasons for the indication of allowable subject matter: a system and method for the detection of the presence of objects in a blind angle of an automobile vehicle is disclosed wherein a first means of detection detects a ferromagnetic material in the blind spot of a vehicle with a sensor located on a vehicle and a second means of detection for any possible magnetic distortion generated from a trajectory of the vehicle, associated with an electronic circuit and intended to neutralize the influence of said possible magnetic distortion on the detection of said first means.

Strumolo et al. (US 2004/0246113) discloses a system and method for the detection of the presence of objects in a blind angle of an automobile vehicle wherein a first means of detection detects a ferromagnetic material in the blind spot of a vehicle with a sensor located on a vehicle. Furthermore, Stromolo discloses several other sensors for controlling a vehicle, such as, "a vehicle type information unit 77 generating vehicle type information, vehicle speed sensors 78 generating vehicle speed signals, an

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RPM (revolutions per minute) reader 80 generating RPM signals, a heading indicator 82 generating a heading of host vehicle signal, a location indicator 84 such as a GPS system generating a location of vehicle signal, a directional signal generator 86 generating a host vehicle directional signal (e.g. left, right, heading), a steering wheel angle sensor 88 generating a steering wheel angle signal, and a brake status sensor 90 generating a brake status signal. One skilled in the art will realize that the vehicle bus 39 may also receive various other sensor and control signals”.

Strumolo, however, does not disclose a second means of detection for any possible magnetic distortion generated from a trajectory of the vehicle, associated with an electronic circuit and intended to neutralize the influence of said possible magnetic distortion on the detection of said first means.

Conclusion

18. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Manfred (US 7,146,740) discloses methods of compensation or error corrections for magnetometers.

Ravani et al. (US 5,979,581), Bush (US 5,708,427) and Furukawa et al. (US 6,236,915) disclose automatically controlling a vehicle wherein magnetic field detection sensors are located on a vehicle and detect the presence of metal on or in a roadway in order to control the position and direction of a vehicle.

19. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer A. Mehmood whose telephone number is (571) 272.2976. The examiner can normally be reached 8:00-4:30, M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. George Bugg can be reached at (571) 272.2998. The fax phone number for the organization where this application or proceeding is assigned is (571) 273.8300 for regular and after final communications.

Any inquiry of a general nature of relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272.2600.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Jennifer Mehmood/
Primary Examiner
July 10, 2008